

CLAIMS:

1. A method for providing user controlled implementation of trick play modes of operation of digital video data, comprising the steps of:

- a) providing (302) a user interface (400) on a display device (14);
- b) prompting the user to select a speed (402) on the user interface at which the trick play mode will operate;
- c) prompting the user on the user interface to select how the selected speed is implemented.

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2. The method according to claim 1, wherein the trick play mode is a fast forward operation.

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3. The method according to claim 1, wherein the trick play mode is a fast rewind operation.

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4. The method according to claim 1, wherein the step of selecting how the selected speed is implemented comprises the steps of:

- a) selecting (306) how many successive I-frames are skipped after a displayed I-frame; and
- b) selecting (306) how long each displayed I-frame is displayed.

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5. The method according to claim 1, wherein the step of selecting how the selected speed is implemented comprises the step of selecting:

- a) a time period (404) how long a frame is displayed; and
- b) a speed (402) at which the digital video data is displayed;
- c) and the method further comprises the step of computing how many frames are skipped after displaying one.

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6. The method according to claim 1, further comprising the step of storing the selected implementation for later recall.

7. The method according to claim 1 wherein the digital video data is compressed according to the MPEG standard, further comprising the step of prompting the user on the user interface to select how many B and P-frames are inserted during the trick play mode.

5 8. The method according to claim 1, wherein the step of selecting how the selected speed is implemented comprises the steps of:

- a) selecting how long each I-frame is displayed; and
- b) selecting how many times each I-frame is displayed.

10 9. The method according to claim 1, further comprising the step of creating a video stream for display based on the selected criteria.

10. The method according to claim 1, wherein a list of possible implementations are displayed on the user interface for the user to select from.

15 11. An apparatus (102) for providing user controlled implementation of trick play modes of operation of digital video data, comprising:

Means (34, 35) for providing a user interface on a video screen;

means for prompting the user to select a speed on the user interface at which the trick play mode will operate;

means for prompting the user on the user interface to select how the selected speed is implemented; and

user input means for receiving a user input.